

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SYSTEM AND METHOD FOR GENERATING COMPOSITE SUBSTRACTION IMAGES FOR MAGNETIC RESONANCE IMAGING**.

The specification of which was filed on September 17, 2003 as application serial no. 10/664,425.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number 60/412,032

Filing Date

September 18, 2002

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Attorney Docket No.: 1676.008US1

Serial No. 10/664,425

Filing Date: September 17, 2003

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402 Telephone No. (612)373-6900

Residence: New York, NY

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Full Name of joint inventor number 1: Martin R. Prince Citizenship:

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United States of America

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New York, NY 10021

Signature:	Martin R. Prince	Date:

Attorney Docket No.: 1676.008US1 Serial No. 10/664,425 Filing Date: September 17, 2003 Full Name of joint inventor number 2: Citizenship: Post Office Address:

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United States of America

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Signature: Yi W	Thisburgh, TA 15217	Date: 2/19/04	
Full Name of joint inventor num Citizenship: Post Office Address:	ber 4: <u>Richard Watts</u> United Kingdom 16a Harrowdale Drive Christchurch, New Zealand	Residence: Christchurch, New Zealand	
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Full Name of joint inventor num Citizenship: Post Office Address:	ber 5: <u>Junhwan Kim</u> Republic of Korea Walkerhill apt. 32-1202 Kwangjang-dong, Kwangjin-ku Seoul, South Korea	Residence: Seoul, South Korea	
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Jeff B	ezanson		

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Attorney	Docket No.:	1676.008US1
Serial No	10/664 425	

Serial No. 10/664,425
Filing Date: September 17, 2003

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Signature:		Date:	
	Hale Ersoy		

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§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
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 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



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Forrest, Bradley A.	Reg. No. 30,837	Muller, Mark V.	Reg. No. 37,509	Woessner, Warren D.	• .
Gorrie, Gregory J.	Reg. No. 36,530	Nama, Prakash	Reg. No. 44,255	woessiter, walleli D.	Reg. No. 30,440
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rull Name of joint inventor number	er 1: Martin R. Prince	•
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Date: 2/6/04

Serial	No.	10/664,425	

Filing Date: September 17, 2003

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Signature:		Date:	
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. Y	'i Wang		
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Full Name of joint inventor	mainshan A . Disabaard XXI.		
Citizenship:	number 4: <u>Richard Watts</u> United Kingdom	Residence: Christchurch, New Zealand	
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Post Office Address:	Republic of Korea Walkerhill apt. 32-1202	Residence: Seoul, South Korea	
	Kwangjang-dong, Kwangjin-ku		
	Seoul, South Korea		
Signature:	•	Date	
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Full Name of joint inventor r			
Citizenship: Post Office Address:	United States of America 171 Fox Meadow Road	Residence: Scarsdale, NY	
	Scarsdale, NY 10583		
Ciamatuma		_	
Signature:	ff Bezanson	Date:	
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		•	

Attorney Docket No.: 1676.008US1 Serial No. 10/664,425 Filing Date: September 17, 2003

Full Name of joint inventor number 7:

Citizenship:

Signature:

Post Office Address:

Turkey

Nilkent Sitesi B-Block No:2 Birlik Mah. Cankaya Ankara 06550 Turkey

Date: Hale Ersoy

Residence: Ankara, Turkey

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	Martin R. Prince		:	

Full Name of joint inventor nur Citizenship: Post Office Address:	mber 2: Ramin Zabih United States of America 400 E. 66th Street Apt. #7B New York, NY 10021	Residence: New York, NY	,
Signature:		Date:	
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Full Name of joint inventor nur Citizenship: Post Office Address:	mber 3: Yi Wang United States of America 6301 Morrowfield Avenue Pittsburgh, PA 15217	Residence: Pittsburgh, PA	
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Yi V	Vang		· -
Full Name of joint inventor nur Citizenship: Post Office Address: Signature: Rich	mber 4: Richard Watts United Kingdom 16a Harrowdale Drive Christchurch, New Zealand and Watts	Residence: Christchurch, New Zealand Date: February 7th, 2004	
Full Name of joint inventor num Citizenship: Post Office Address:	nber 5: <u>Junhwan Kim</u> Republic of Korea Walkerhill apt. 32-1202 Kwangjang-dong, Kwangjin-ku Seoul, South Korea	Residence: Seoul, South Korea	
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Full Name of joint inventor nun Citizenship: Post Office Address:	nber 6: <u>Jeff Bezanson</u> United States of America 171 Fox Meadow Road Scarsdale, NY 10583	Residence: Scarsdale, NY	
Signature:		Date:	
Jeff 1	Bezanson		

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Filing Date: September 17, 2003		
·		

Residence: Ankara, Turkey

Full Name of joint inventor number 7:

Hale Ersoy

Citizenship:
Post Office Address:

Nilkent Sitesi B-Block No:2

Birlik Mah. Cankaya Ankara 06550 Turkey

Turkey

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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **SYSTEM AND METHOD FOR GENERATING COMPOSITE SUBSTRACTION IMAGES FOR MAGNETIC RESONANCE IMAGING.**

The specification of which was filed on September 17, 2003 as application serial no. 10/664,425.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Application Number

Filing Date

60/412,032

September 18, 2002

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Filing Date: September 17, 2003

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Anglin, J. Michael Arora, Suneel Beekman, Marvin L. Bianchi, Timothy E. Billion, Richard E. Black, David W. Brennan, Thomas F. Chadwick, Robin A. Clark, Barbara J. Clise, Timothy B. Cochran, David R. Dahl, John M. DeLizio, Andrew Drake, Eduardo E. Embretson, Janet E.	Reg. No. 24,916 Reg. No. 42,267 Reg. No. 38,377 Reg. No. 39,610 Reg. No. 32,836 Reg. No. 42,331 Reg. No. 35,075 Reg. No. 36,477 Reg. No. 38,107 Reg. No. 40,657 Reg. No. 44,632 Reg. No. 44,639 Reg. No. 52,806 Reg. No. 40,594 Reg. No. 40,594 Reg. No. 39,665	Harris, Robert J. Jackson Huebsch, Katharine A. Jurkovich, Patti J. Kalis, Janal M. Klima-Silberg, Catherine I. Kluth, Daniel J. Lacy, Rodney L. Lemaire, Charles A. Lundberg, Steven W. Lundberg, Steven W. Maki, Peter C. Malen, Peter L. Mates, Robert E. McCrackin, Ann M. Mehrle, Insend P.	Reg. No. 37,346 Reg. No. 47,670 Reg. No. 44,813 Reg. No. 37,650 Reg. No. 32,146 Reg. No. 32,146 Reg. No. 36,198 Reg. No. 30,568 Reg. No. 30,568 Reg. No. 42,832 Reg. No. 44,894 Reg. No. 35,271 Reg. No. 35,271 Reg. No. 45,535	Nielsen, Walter W. Padys, Danny J. Parker, J. K. Peacock, Gregg A. Perdok, Monique M. Peret, Andrew R. Peterson, David C. Prout, William F. Schumm, Sherry W. Schwegman, Micheal L. Speier, Gary J. Steffey, Charles E. Stordal, Leif T. Tong, Viet V.	Reg. No. 25,539 Reg. No. 35,635 Reg. No. 33,024 Reg. No. 45,001 Reg. No. 42,989 Reg. No. 41,246 Reg. No. 47,857 Reg. No. 33,995 Reg. No. 39,422 Reg. No. 25,816 Reg. No. 45,458 Reg. No. 25,179 Reg. No. 45,451 Reg. No. 45,416
Drake, Eduardo E.	Reg. No. 40,594 Reg. No. 39,665 Reg. No. 30,837	McCrackin, Ann M. Mehrle, Joseph P. Muller, Mark V.	Reg. No. 42,858 Reg. No. 45,535 Reg. No. 37,509	· -	
Greaves, John N.	Reg. No. 36,530 Reg. No. 40,362	Nama, Prakash Nelson, A. James	Reg. No. 44,255 Reg. No. 28,650		

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below: P.O. Box 2938, Minneapolis, MN 55402 Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements we

made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such w	ie like so illful falsi
statements may jeopardize the validity of the application or any patent issued thereon.	
Full Name of joint inventor number 1 . Martin D. Prince	•

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Attorney Ducket No.: 1070.00803	٥
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Filing Date: September 17, 2003	

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. Yi	Wang		
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Attorney Docket No.: 1676.008US1 Serial No. 10/664,425 Filing Date: September 17, 2003

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Signature:	•	•	D	ate:		
-	TY.1. T					
	Hale Ersoy					

Residence: Ankara, Turkey

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
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Application Number 60/412,032

Filing Date

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I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

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Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Peacock, Gregg A.	Reg. No. 45,001
Billion, Richard E.	Reg. No. 32,836	Klima-Silberg, Catherine I.	Reg. No. 40,052	Perdok, Monique M.	Reg. No. 42,989
Black, David W.	Reg. No. 42,331	Kluth, Daniel J.	Reg. No. 32,146	Peret, Andrew R.	Reg. No. 41,246
Brennan, Thomas F.	Reg. No. 35,075	Lacy, Rodney L.	Reg. No. 41,136	Peterson, David C.	Reg. No. 47,857
Chadwick, Robin A.	Reg. No. 36,477	Lemaire, Charles A.	Reg. No. 36,198	Prout, William F.	Reg. No. 33,995
Clark, Barbara J.	Reg. No. 38,107	Lundberg, Steven W.	Reg. No. 30,568	Schumm, Sherry W.	Reg. No. 39,422
Clise, Timothy B.	Reg. No. 40,957	Lundberg, Steven W.	Reg. No. 30,568	Schwegman, Micheal L.	•
Cochran, David R.	Reg. No. 46,632	Maki, Peter C.	Reg. No. 42,832	Speier, Gary J.	Reg. No. 25,816
Dahl, John M.	Reg. No. 44,639	Malen, Peter L.	Reg. No. 44,894	• • •	Reg. No. 45,458
DeLizio, Andrew	Reg. No. 52,806	Mates, Robert E.	•	Steffey, Charles E.	Reg. No. 25,179
Drake, Eduardo E.	Reg. No. 40,594	McCrackin, Ann M.	Reg. No. 35,271	Stordal, Leif T.	Reg. No. 46,251
Embretson, Janet E.	•	•	Reg. No. 42,858	Tong, Viet V.	Reg. No. 45,416
•	Reg. No. 39,665	Mehrle, Joseph P.	Reg. No. 45,535	Viksnins, Ann S.	Reg. No. 37,748
Forrest, Bradley A.	Reg. No. 30,837	Muller, Mark V.	Reg. No. 37,509	Woessner, Warren D.	Reg. No. 30,440
Gorrie, Gregory J.	Reg. No. 36,530	Nama, Prakash	Reg. No. 44,255	•	*
Greaves, John N.	Reg. No. 40,362	Nelson, A. James	Reg. No. 28,650		

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Telephone No. (612)373-6900

Residence: New York, NY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so

made are punishable by fine or imprisonme	nt, or both, under Section 1001 of	Title 18 of the Un	ited States Code and th	nat such willful fals
statements may jeopardize the validity of th	e application or any patent issued	thereon.	-	
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Full Name of joint inventor number 1:	Martin R. Prince	*		

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Martin R. Prince

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Signature: _	•		Date:			
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Citizenship: Post Office Address:	6301 Morrowfield Avenue Pittsburgh, PA 15217	Residence: Pittsburgh, PA	
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· F	Richard Watts		
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Citizenship:	number 5 : <u>Junhwan Kim</u> Republic of Korea	Residence: Seoul, South Korea	
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	Seoul, South Korea		
Signature:		Date:	
Ji	unhwan Kim		
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Full Name of joint inventor:		n ::	
Citizenship: Post Office Address:	United States of America 171 Fox Meadow Road	Residence: Scarsdale, NY	
	Scarsdale, NY 10583		
σ: . Δ-// h		2/2/21	
Signature:	et Mezanson	Date: 2/8/64	
Je Je	TI Dezaiisuii	ţ	

Attomey Docket No.: 1676.008US1 Serial No. 10/664,425 Filing Date: September 17, 2003

Full Name of joint inventor number 7: Citizenship: Turk

Hale Ersoy

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Signature:			Date:	
	Hale Erroy		 	
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Residence: Ankara, Turkey

§ 1.56 Duty to disclose information material to patentability.

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